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**NL INDUSTRIES/TARACORP SUPERFUND SITE GROUP
LEED ENVIRONMENTAL, INC.**

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July 7, 1999

Telecopy and First Class Mail

Mr. Brad Bradley
U.S. Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

**RE: NL Industries/Taracorp Superfund Site; Granite City, Illinois
Consent Decree
Voluntary Progress Report 2 (June 1999)**

Dear Mr. Bradley:

As requested by the U.S. Environmental Protection Agency ("EPA"), two copies of this letter are submitted on behalf of the NL Industries/Taracorp Superfund Site Group ("Group") on a voluntary basis to provide EPA with a progress report for activities related to the remediation of the residential lots and remote fill areas, the remediation of the Taracorp pile, and the remedial design for groundwater that were performed in regard to the NL Industries/Taracorp Superfund Site (the "site") during June 1999.

1. Actions Taken During Previous Month to Comply with the Consent Decree:

- During June 1999, the Group's supervising contractor, ENTACT, Inc. ("ENTACT") continued to perform remedial activities related to remediation of residential lots and remote fill areas. Major tasks performed by ENTACT included soil sampling and analysis activities and remediation of 36 residential lots. The residential lots which were remediated in June 1999 are summarized in the Weekly Progress Report (Table 1, attached). Through June 1999, ENTACT has completed remedial activities at 566 residential lots.
- During June 1999, ENTACT also continued with efforts related to remediation of the Taracorp pile. Major tasks performed by ENTACT included: (1) screening of residential soils; (2) backfill of the screened residential soils; (3) excavation of industrial soils and transport of the industrial soils onto the Taracorp pile; (4) shaping of the Taracorp pile; (5) continued construction of the lined area adjacent to the Taracorp pile; (6) site surveying; (7) air monitoring; and (8) related activities.



- On June 3, 1999, the Group's project coordinator received a copy of EPA's May 6, 1999 letter approving ARCADIS Geraghty & Miller as the Group's supervising contractor for the remedial design for groundwater. Following receipt of EPA's approval, the Group finalized a contract with ARCADIS Geraghty & Miller.
- On June 9, 1999, a weekly progress meeting was held to discuss the status of the remediation of residential lots, remote fill areas, and the Taracorp pile. Attendees at the meeting included representatives of EPA, the Army Corps of Engineers ("ACOE"), ENTACT, and the Group's Technical Committee. ENTACT issued a report to project participants on June 14, 1999 to document the results of the meeting.
- On June 21, 1999, a weekly progress meeting was held to discuss the status of the remediation of residential lots, remote fill areas, and the Taracorp pile. Attendees at the meeting included representatives of EPA, ACOE, ENTACT, and the Group's Technical Committee. ENTACT issued a report to project participants on June 22, 1999 to document the results of the meeting.
- On June 24, 1999, ENTACT issued a letter to EPA to document the sampling and soil excavation plan to be implemented by ENTACT personnel for the remote fill properties.
- On June 28, 1999, a weekly progress meeting was held to discuss the status of the remediation of residential lots, remote fill areas, and the Taracorp pile. Attendees at the meeting included representatives of EPA, ACOE, ENTACT, and the Group's Technical Committee. ENTACT issued a report to project participants on June 28, 1999 to document the results of the meeting.

2. **Summary of Data and/or Results of Sampling and Tests Received:**

- Data from soil sampling activities performed by ENTACT during June 1999 in residential lots and remote fill areas have previously been provided by ENTACT personnel to EPA and have been used as the basis for defining soil excavation depths.
- Data collected from air monitoring activities, soil screening activities, select fill soil testing, backfill compaction testing, and from liner installation QA/QC testing at the industrial site are maintained by ENTACT personnel and are available for inspection by EPA and ACOE personnel at the site.

3. **Work Plans, Plans, and Other Deliverables Completed and Submitted to EPA During the Previous Month:**

- As noted above, ENTACT issued a letter to EPA on June 24, 1999 to document the sampling and soil excavation plan to be implemented by ENTACT personnel for the remote fill properties.

4. **Actions, Data Collection, and Implementation of Work Plans and Other Information Related to the Progress of Construction which are Scheduled to be Performed During the Next Six-Week Period:**

- During July 1999, ARCADIS Geraghty & Miller will continue efforts to prepare the Remedial Design Work Plan for groundwater. ARCADIS Geraghty & Miller personnel may visit the site in conjunction with work plan preparation efforts.
- During July 1999, ENTACT will continue soil sampling activities and soil excavation and restoration of residential lots and remote fill areas. Residential lots and remote fill areas to be addressed by ENTACT personnel during July 1999 will be coordinated on a daily basis with ACOE representatives and will be discussed with EPA during weekly progress meetings.
- During July 1999, ENTACT will also continue activities associated with remediation of the Taracorp pile. Activities to be performed by ENTACT personnel during July 1999 are expected to include: (1) continued excavation of industrial soils and transport of industrial soils onto the Taracorp pile; (2) screening of residential soils; (3) backfill of excavated industrial areas; (4) shaping of the Taracorp pile; (5) air monitoring; and (6) related activities. ENTACT anticipates that installation of the cover system on the Taracorp pile will begin on or about July 19, 1999.

5. **Problems Encountered, Anticipated Problems, Actual or Anticipated Delays, and Efforts Developed or Implemented to Mitigate Delays:**

- Not applicable for this reporting period.

6. **Modifications to Work Plans or Schedules Proposed to EPA or Approved by EPA:**

- Soil sampling, soil excavation, and restoration of remote fill properties will be performed as outlined in the letter submitted by ENTACT to EPA on June 24, 1999.

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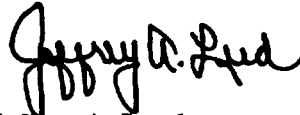
7. Community Relations Activities During Previous Month or to be Undertaken During Next Six-Week Period:

- Not applicable for this reporting period. Unless requested by EPA, no community relations activities are currently planned to be performed by the Group during the next six-week period.

Should you or your staff have questions or comments regarding this progress report, please contact this office at (610) 670-7310.

Very truly yours,

LEED ENVIRONMENTAL, INC.



Jeffrey A. Leed
Project Coordinator

attachment

cc: Mr. Bob Rogers, Illinois EPA (w/attachment, by first class mail)
Mr. Tim Healy - ENTACT, Inc. (w/attachment, by first class mail)
Mr. Nicholas Valkenburg - ARCADIS Geraghty & Miller (w/attachment, by first class mail)
Technical Committee, NL Industries/Taracorp Superfund Site Group
(w/attachment, by first class mail)

TABLE 1
Weekly Progress Report - Activities Through 6-15-99

	Lot #	Street	Depth	Notes	Soil Removal	Backfill	Stone	Sod
531	2135	Illinois	6		6/1/99	6/2/99	6/2/99	6/15/99
532	2019	Illinois	3		6/1/99	6/2/99	6/2/99	6/15/99
533	2029	Illinois	3		6/1/99	6/3/99	6/3/99	6/15/99
534	2028	Illinois	12		6/2/99	6/4/99	6/4/99	
535	2031	Missouri	12		6/3/99	6/4/99	6/4/99	
536	2033	Missouri	12		6/3/99	6/4/99	6/4/99	
537	2202	Missouri	12		6/4/99	6/7/99		
538	1429	6th	6		6/7/99	6/11/99		
539	1429	7th	12		6/9/99			
541	1433	7th	12	2 lots	6/9/99			
543	1524	7th	12	2 lots	6/9/99			
545	1653	7th	6	2 lots	6/10/99			
546	1015	Greenwood	12		6/14/99			

TABLE 1**Weekly Progress Report - Activities Through 6-30-99**

	Lot #	Street	Depth	Notes	Soil Removal	Backfill	Stone
547	817	Greenwood	12		6/15/99	6/16/99	6/17/99
549	830/32	Greenwood	3	2 lots	6/18/99	6/18/99	6/18/99
552	912	Alton	12	3 lots	6/22/99	6/23/99	6/23/99
553	1018	Alton	6		6/23/99	6/28/99	6/28/99
554	805	Greenwood	6		6/24/99	6/25/99	6/25/99
555	807	Greenwood	6		6/24/99	6/25/99	6/25/99
556	1729R	Edwardsville	12		6/24/99	6/25/99	6/25/99
558	912	Iowa	6	2 lots	6/25/99	6/28/99	6/28/99
559	1224	Iowa	3		6/25/99	6/28/99	6/28/99
560	1705	Elizabeth	12		6/29/99	6/29/99	6/29/99
561	1123	Grand	6		6/29/99	6/29/99	6/29/99
563	723	Lee	6	2 lots	6/29/99	6/30/99	6/30/99
564	822	Lee	12		6/30/99	6/30/99	6/30/99
566	1226	Granite	6	2 lots	6/30/99	st6/30	